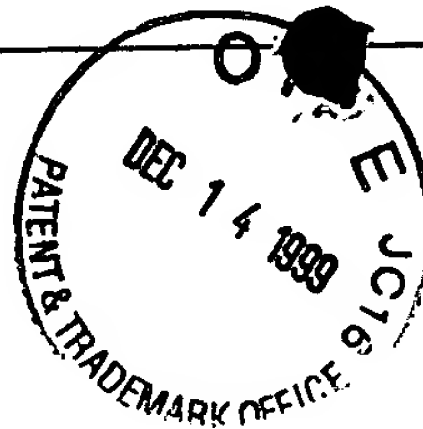


SEQUENCE LISTING



<110> Walker, Ameae M.

<120> PROLACTIN ANTAGONISTS AND USES THEREOF

<130> Walker_2500_097US2

<140> 09/065,330

<141> 1998-04-23

<150> PCT/US97/01435

<151> 1997-01-30

<150> 08/594,809

<151> 1996-01-31

<160> 6

<170> PatentIn Ver. 2.1

<210> 1

<211> 832

<212> DNA

<213> Homo sapiens

<220>

<221> mutation

<222> (622)..(624)

<223> This is the codon for the substituted amino acids
of the mutated sequence.

<400> 1

aacatgaaca tcaaaggatc gccatggaaa gggtccttcc tgctgctgct ggtgtcaaac 60
ctgctgctgt gccagagcgt ggcccccttg cccatctgtc ccggcggggc tgcccgatgc 120
caggtgaccc ttcgagacct gtttgaccgc gccgtcgtcc tgtcccacta catccataac 180
ctctcctcag aaatgttcag cgaattcgat aaacggtata cccatggccg ggggttcatt 240
accaaggcca tcaacagctg ccacacttct tcccttgcca ccccegaaga caaggagcaa 300
gccaacaga tgaatcaaaa agactttctg agcctgatag tcagcatatt gcgatacctg 360
aatgagcctc tgtatcatct ggtcacggaa gtacgtggta tgcaagaagc cccggaggct 420
atcctatcca aagctgtaga gattgaggag caaaccaaac ggcttctaga gggcatggag 480
ctgatagtca gccaggttca tctgaaacc aaagaaaatg agatctaccc tgtctggctg 540
ggacttccat ccctgcagat ggctgatgaa gagtctcgcc tttctgctta ttataacctg 600
ctccactgcc tacgcaggga tnnncataaa atcgacaatt atctcaagct cctgaagtgc 660
cgaatcatcc acaacaacia ctgctaagcc cacatccatt tcatctattt ctgagaaggt 720
ccttaatgat ccgttccatt gcaagcttct tttagttgta tctcttttga atccatgctt 780
gggtgtaaca ggtctcctct taaaaaataa aaactgactc gtagagaca tc 832

<210> 2
<211> 227
<212> PRT
<213> Homo sapiens

<220>
<221> VARIANT
<222> (208)
<223> Site mutated codon where the normal codon coding
for serine is modified preferably to encode for
aspartate or glutamate, most preferably aspartate.

<400> 2
Asn Met Asn Ile Lys Gly Ser Pro Trp Lys Gly Ser Leu Leu Leu Leu
1 5 10 15
Leu Val Ser Asn Leu Leu Leu Cys Gln Ser Val Ala Pro Leu Pro Ile
20 25 30
Cys Pro Gly Gly Ala Ala Arg Cys Gln Val Thr Leu Arg Asp Leu Phe
35 40 45
Asp Arg Ala Val Val Leu Ser His Tyr Ile His Asn Leu Ser Ser Glu
50 55 60
Met Phe Ser Glu Phe Asp Lys Arg Tyr Thr His Gly Arg Gly Phe Ile
65 70 75 80
Thr Lys Ala Ile Asn Ser Cys His Thr Ser Ser Leu Ala Thr Pro Glu
85 90 95
Asp Lys Glu Gln Ala Gln Gln Met Asn Gln Lys Asp Phe Leu Ser Leu
100 105 110
Ile Val Ser Ile Leu Arg Ser Trp Asn Glu Pro Leu Tyr His Leu Val
115 120 125

Thr Glu Val Arg Gly Met Gln Glu Ala Pro Glu Ala Ile Leu Ser Lys
130 135 140
Ala Val Glu Ile Glu Glu Gln Thr Lys Arg Leu Leu Glu Gly Met Glu
145 150 155 160
Leu Ile Val Ser Gln Val His Pro Glu Thr Lys Glu Asn Glu Ile Tyr
165 170 175
Pro Val Trp Ser Gly Leu Pro Ser Leu Gln Met Ala Asp Glu Glu Ser

180

185

190

Arg Leu Ser Ala Tyr Tyr Asn Leu Leu His Cys Leu Arg Arg Asp Xaa
195 200 205

His Lys Ile Asp Asn Tyr Leu Lys Leu Leu Lys Cys Arg Ile Ile His
210 215 220

Asn Asn Asn Cys
225

<210> 3
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: This sequence
is a primer.

<400> 3
gcagggatga ccacaagggt gac

23

<210> 4
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: This sequence
is a primer.

<220>
<221> variation

<222> (12)
<223> This is a codon that can be replaced for nucleic
acid substitutes.

<400> 4
cgcaaggat gnacacaagg ttga

24

<210> 5
<211> 22
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: This sequence
is a primer.

<220>

<221> variation


<222> (12)

<223> This is a codon that can be replaced for nucleic
acid substitutes.

<400> 5

acgcagggat gnkataaaat cg

22

 <210> 6

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: This sequence
is a primer.

<400> 6

cgtagggcccc atatgttgcc catctg

26